

Docket No.: 8733.823.00  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:

Yong Sung HAM et al.

Application No.: TBA

Group Art Unit: TBA

Filed: June 30, 2003

Examiner: TBA

For: LIQUID CRYSTAL DISPLAY DEVICE

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits.

A copy of each reference on PTO/SB/08 is attached.

A summary/abstract translation of the non-English language references is enclosed.

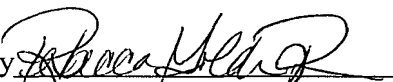
While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0911.

Dated: June 30, 2003

Respectfully submitted,

By   
Rebecca Goldman Rudich  
Registration No.: 41,786

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PATENT TRADEMARK OFFICE

Docket No.	8733.823.00		
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE			
IN RE APPLICATION OF:	Yong Sung HAM et al.	GAU:	TBA
SERIAL NO:	TBA	EXAMINER:	TBA
FILED:	June 30, 2003		
FOR:	LIQUID CRYSTAL DISPLAY DEVICE		
REQUEST FOR PRIORITY			
Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450			
SIR:			
<input type="checkbox"/>	Full benefit of the filing date of U.S. Application Serial Number [US App No], filed [US App Dt], is claimed pursuant to the provisions of 35 U.S.C. §120.		
<input type="checkbox"/>	Full benefit of the filing date of U.S. Provisional Application Serial Number , filed , is claimed pursuant to the provisions of 35 U.S.C. §119(e).		
<input checked="" type="checkbox"/>	Applicants claim any right to priority from any earlier filed applications to which they may be entitled pursuant to the provisions of 35 U.S.C. §119, as noted below.		
In the matter of the above-identified application for patent, notice is hereby given that the applicants claim as priority:			
<u>COUNTRY</u>	<u>APPLICATION NUMBER</u>	<u>MONTH/DAY/YEAR</u>	
KOREA	2002-51103	August 28, 2002	
Certified copies of the corresponding Convention Application(s)			
<input checked="" type="checkbox"/>	are submitted herewith		
<input type="checkbox"/>	will be submitted prior to payment of the Final Fee		
<input type="checkbox"/>	were filed in prior application Serial No. filed		
<input type="checkbox"/>	were submitted to the International Bureau in PCT Application Number. Receipt of the certified copies by the International Bureau in a timely manner under PCT Rule 17.1(a) has been acknowledged as evidenced by the attached PCT/IB/304.		
<input type="checkbox"/>	(A) Application Serial No.(s) were filed in prior application Serial No. filed ; and		
	(B) Application Serial No.(s)		
<input type="checkbox"/>	are submitted herewith		
<input type="checkbox"/>	will be submitted prior to payment of the Final Fee		
Date: June 30, 2003		Respectfully Submitted,	
		McKENNA LONG & ALDRIDGE LLP	
		<i>Rebecca Goldman Rudich</i>	
1900 K Street, N.W. Washington, D.C. 20006 Tel. (202) 496-7500 Fax. (202) 496-7756		Rebecca Goldman Rudich	
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PATENT TRADEMARK OFFICE

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	TBA
				Filing Date	June 30, 2003
				First Named Inventor	Yong Sung HAM et al.
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	8733.823.00

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
	AA	4,691,995	✓	9/8/1987	Yamazaki et al.	
	AB	5,309,264	✓	5/3/1994	Lien et al.	
	AC	5,608,556	✓	3/4/1997	Koma	
	AD	5,666,179	✓	9/9/1997	Koma	
	AE	6,100,953	✓	8/8/2000	Kim et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
	BA	EP 0 884 626	A2 ✓ ✓	12/16/1998	Fujitsu Limited		
	BB	WO 00/08521	✓	2/17/2000	Konovalev et al.		
	BC	JP 6-235925	w/Abstract ✓ ✓	8/23/1994	Matsushita Electric Ind Co		
	BD	JP 8-101395	w/Abstract ✓ ✓	4/16/1996	Matsushita Electric Ind Co Ltd		
	BE	JP 9-61829	w/Abstract ✓ ✓	3/7/1997	Matsushita Electric Ind Co Ltd		
	BF	JP 10-177178	w/Abstract ✓ ✓	6/30/1998	Matsushita Electric Ind Co Ltd		
	BG	JP 10-333157	w/Abstract ✓ ✓	12/18/1998	Matsushita Electric Ind Co Ltd		
	BH	JP 10-333159	w/Abstract ✓ ✓	12/18/1998	Matsushita Electric Ind Co Ltd		
	BI	JP 11-133438	w/Abstract ✓ ✓	5/21/1999	Matsushita Electric Ind Co Ltd		
	BJ	JP 11-142864	w/Abstract ✓ ✓	5/28/1999	Matsushita Electric Ind Co		
	BK	JP 11-248930	w/Abstract ✓ ✓	9/17/1999	Matsushita Electric Ind Co Ltd		
	BL	JP 11-326922	w/Abstract ✓ ✓	11/26/1999	Matsushita Electric Ind Co		
	BM						
	BN						

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Y. TANAKA et al.; "A New Design to Improve Performance and Simplify the Manufacturing Process of High-Quality MVA TFT-LCD Panels"; SID '99 Digest; Pages 206-209 ✓	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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